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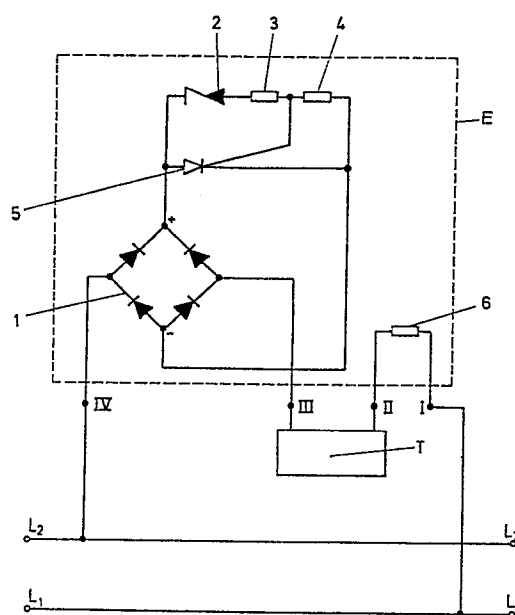
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54 **Excluder device for telephones installed in parallel.**

57 Excluder device for telephones installed in parallel, characterised in that it basically consists of a combination of a full wave bridge rectifier (1) with a relay circuit, made up of a zener diode (2) and a current divider consisting of two resistors (3, 4) the relay circuit being associated with a thyristor (5), whose anode is connected to the cathode of the zener diode and to the positive of the rectifier (1), whilst the cathode is connected to earth and the switch to the current divider, and in that an independent resistor is incorporated, able to cause a voltage drop equivalent to that which determines the rest of the telephone system.





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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X, P	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 118 (E-316)[1841], 23rd May 1985; & JP-A-60 7255 (KANDA TSUUSHIN KOGYO K.K.) 16-01-1985 * Whole document *	1	H 04 M 1/72
X	--- ELECTRONIC DESIGN, vol. 24, no. 18, 1st September 1976, page 110, Rochelle Park; O. BADEN: "Give priority to first phone lifted in parallel-connected phone systems" * Whole document *	1	
X	--- PATENT ABSTRACTS OF JAPAN, vol. 4, no. 87 (E-16)[569], 21st June 1980; & JP-A-55 53 950 (HACHISHIROU KAWAMURA) 19-04-1980 * Whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			H 04 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-07-1987	Examiner KEPPENS P.M.R.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			